

1743
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Manfred BERNDT

Serial No. 09/598,890

Filed: June 22, 2000

Group Art Unit: 1743

Examiner: Brian Gordon



For: SUPPLY ELEMENT FOR A LABORATORY MICROCHIP

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is a Supplemental Amendment in the above identified application.

☐ No additional fee is required.☐ Small entity status of this application has been established.☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.☐ Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	30	20	10	x \$ 18 =	\$180.00
Independent Claims	2	3		x \$ 80 =	
If multiple claims newly presented, add \$260.00					
TOTAL FEE DUE					\$180.00

☒ A credit card authorization form in the amount of \$180.00 is attached☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 07-1337, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

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Date: October 25, 2002
AML:HMZ:sbsRECEIVED
OCT 29 2002
TC 1700 MAIL ROOM

Docket No.: 4481-022



D. Lawrence
#101B
10-31-02

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For: SUPPLY ELEMENT FOR A LABORATORY MICROCHIP

SUPPLEMENTAL AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20231

Dear Sir:

Supplementing the Amendment of October 23, 2002, the following additional amendments and remarks are submitted.

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IN THE CLAIMS:

Please amend the claims as follows and substitute the following new claims:

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Sub E107

In combination, *and a laboratory microchip comprising a microfluidic structure for at least one of chemical, physical, or biological processing, the microchip having a first supplier to supply substances to the microchip and a second supplier to supply a potential to the microchip to move substances corresponding to the microfluidic structure, the supply element comprising:*

see pg 7 of new spec
at least 150 one summary

at least one substance-containing third supplier adapted to contain a substance, said at least one third supplier having a seal arranged to be opened to the microchip in response to the supply element and the microchip being joined together to enable said substance to be transferred from said at least one third supplier to the first supplier of the microchip.

substance-containing
substance-containing

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Sub E107

26. (Amended) The supply element of claim 17, further comprising a fourth supplier to transfer the potential to the microchip, said fourth supplier being arranged to be coupled to the corresponding second supplier on the microchip.

no basis
What is